| S10 | 3 | (park adj joon adj bae).in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2007/02/21 08:12 |
|-----|-------|------------------------------------|--|----|-----|------------------|
| S11 | 857 | (717/168).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2007/02/21 08:12 |
| S12 | 10890 | home adj appliance | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/02/21 08:12 |
| S13 | 10890 | (home adj appliance) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/02/21 08:13 |
| S14 | 1520 | "74" and S13 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/02/21 08:13 |
| S15 | 7 | S11 and S13 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/02/21 08:18 |
| S16 | 36583 | ((upgrad\$3 or updat\$3) adj data) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/02/21 09:43 |
| S17 | 137 | S13 and S16 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/02/21 09:18 |
| S18 | 4736 | (709/217).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2007/02/21 09:26 |
| S19 | 37 | S13 and S18 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2007/02/21 09:22 |

| S20 | 17 | (upgrad\$ adj data) (detector or sensor or controller) cable appliance | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | AND | ON | 2007/02/21 09:22 |
|-----|---------|--|--|-----|-----|------------------|
| S21 | 0 | ("2006/0136787").URPN. | USPAT | OR | OFF | 2007/02/21 09:22 |
| S22 | 8329 | ((upgrad\$3 or updat\$3) adj software) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/02/21 10:56 |
| S23 | 103 | S12 and S22 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/02/21 09:34 |
| S24 | 17 | ("20020026634" "20020057800" "20030131180" "20040163135" "5664195" "5732275" "5761504" "5764992" "5778234" "5787288" "5978591" "6131159" "6341373" "6542943" "6594757" "6598159" "6763403").PN. OR ("7111292").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/21 09:40 |
| S25 | 1212365 | detector | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/02/21 09:43 |
| S26 | 3540 | S16 and S25 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/02/21 09:44 |
| S27 | 21 | S16 and S25 and S18 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/02/21 09:44 |
| S28 | 17 | ("20020026634" "20020057800" "20030131180" "20040163135" "5664195" "5732275" "5761504" "5764992" "5778234" "5787288" "5978591" "6131159" "6341373" "6542943" "6594757" "6598159" "6763403").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/21 09:51 |
| S29 | 1 | S8 and S11 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2007/02/21 09:53 |
| S30 | . 2 | S8 and S18 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2007/02/21 10:27 |

| S31 | 3005 | S12 and display | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2007/02/21 10:27 |
|-----|------|---|--|-----|-----|------------------|
| S32 | . 75 | S22 and S31 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2007/02/21 10:29 |
| S33 | 461 | display and sensor and (upgrad\$3 adj software) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/02/21 10:31 |
| S34 | 597 | (upgrad\$3 adj software) sensor | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | AND | ON | 2007/02/21 10:32 |
| S35 | 102 | (upgrad\$3 adj software) sensor and appliance | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | AND | ON | 2007/02/21 10:35 |
| S36 | 2 | ("6889510").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2007/02/21 10:35 |
| S37 | 21 | ("20010010516" "20010053963" "20020095269" "20020180581" "20020189267" "20040016242" "20040049771" "20040083471" "20040088697" "5904074" "6370890" "6393848" "6397606" "6397607" "6405244" "6453687" "6502411" "6604235" "6607314" "6668240" "6675591").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/21 10:38 |
| S38 | 3 | ("6906617").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2007/02/21 10:42 |
| S39 | 4198 | processor sensor display appliance | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | AND | OFF | 2007/02/21 10:43 |
| S40 | 2 | ("5557086").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2007/02/21 10:44 |

| S41 | 3 | ("9943068").PN | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2007/02/21 10:44 |
|------|---------|-------------------------|--|----|-----|------------------|
| .S42 | 27687 | electric adj appliance | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/02/21 10:50 |
| S43 | 2793 | upgrad\$3 adj software | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/02/21 10:50 |
| S44 | 12 | S42 and S43 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/02/21 10:51 |
| S45 | 22 | S43 with appliance | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/02/21 10:56 |
| S46 | 2666833 | (detector or sensor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/02/21 10:57 |
| S47 | 2149 | S22 and S46 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/02/21 10:58 |
| S48 | 528508 | (display adj device) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/02/21 10:59 |
| S49 | 473 | S47 and S48 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/02/21 10:59 |
| S50 | 857 | (717/168,709/217).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2007/02/21 15:21 |

| S51 | 37596 | upgrade | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2007/02/21 15:21 |
|-----|--------|--|--|-----|-----|------------------|
| S52 | 48176 | upgrade | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/02/21 15:21 |
| S53 | 275684 | appliance . | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/02/21 15:21 |
| S54 | 3993 | S52 and S53 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/02/21 15:22 |
| S55 | 240 | S52 with S53 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/02/21 15:22 |
| S56 | 6 | S50 and S55 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2007/02/21 15:22 |
| S57 | 23 | ("4403111" "4665544" "4829560" "5268811" "5460006" "5629898" "5852658" "5877957" "5909183" "5956487" "6003070" "6009153" "6080972" "6112127" "6256378" "6405244" "6467084").PN. OR ("6665384").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/21 16:27 |
| S58 | 14 | ("3639844" "3662186" "3685022" "3986040" "4245310" "5839097" "5886732" "5956487" "6243707" "6243772" "6286071" "6591151" "6665384" "6812881").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/21 16:35 |
| S59 | . 14 | ("3639844" "3662186" "3685022" "3986040" "4245310" "5839097" "5886732" "5956487" "6243707" "6243772" "6286071" "6591151" "6665384" "6812881").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/21 16:35 |
| S60 | 14 | ("3639844" "3662186" "3685022" "3986040" "4245310" "5839097" "5886732" "5956487" "6243707" "6243772" "6286071" "6591151" "6665384" "6812881").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/21 16:35 |
| S61 | 36 | ("6243772").URPN. | USPAT | OR | OFF | 2007/02/21 17:00 |
| S62 | 700404 | protocol (display adj device) color | USPAT | OR | ON | 2007/02/21 17:00 |
| S63 | 5035 | protocol (display adj device) color | USPAT | AND | ON | 2007/02/21 17:00 |
| S64 | 127 | S54 and S63 | USPAT | AND | ON | 2007/02/21 17:02 |
| S65 | 34 | S55 and protocol | USPAT | AND | ON | 2007/02/21 17:03 |
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